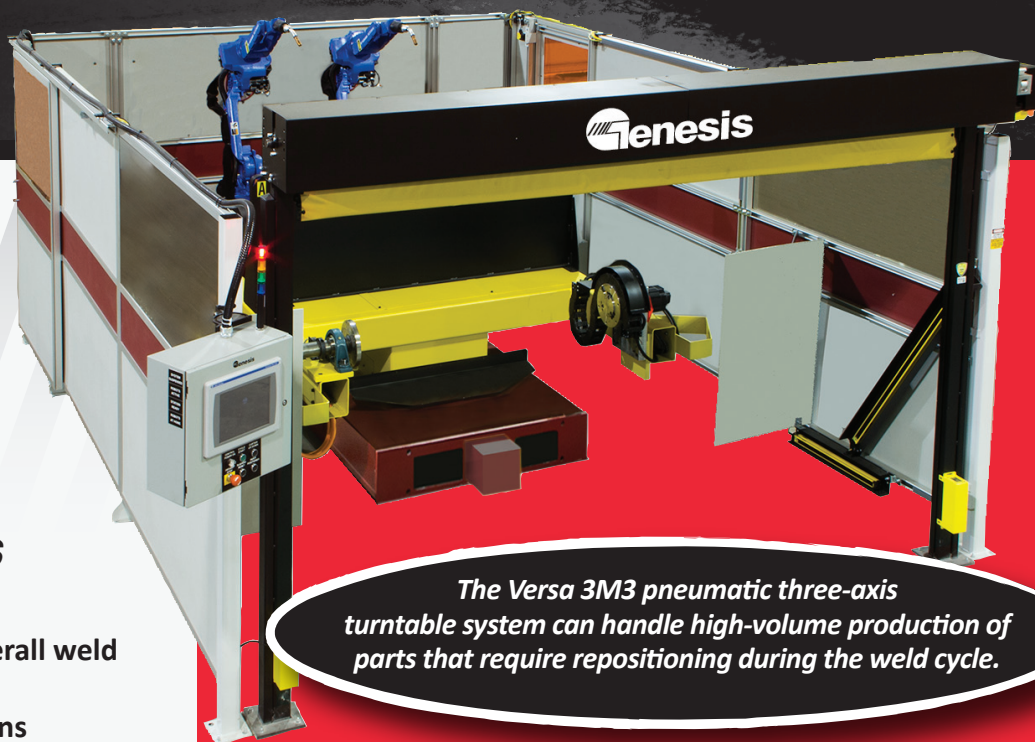




VERSA 3M3



The Versa 3M3 pneumatic three-axis turntable system can handle high-volume production of parts that require repositioning during the weld cycle.

KEY FEATURES

• Productivity

- Fast index time reduces overall weld cycle time
- Multiple robot configurations

• Functionality

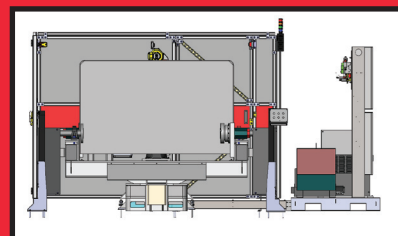
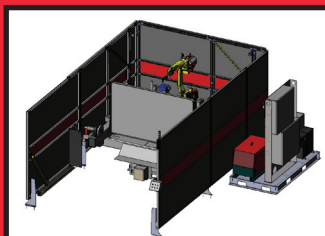
- Quick installation – robot and positioner on unitized base
- Cost efficient pneumatic main sweep design

• Reliability

- Pre-engineered, proven design
- Single source responsibility
- 24-hour support service

• Flexibility

- Able to accommodate large tool lengths and high weight capacity
- Easily configured to meet application requirements



Base Positioner Configuration

Main axis - pneumatically driven

Main sweep index time	3.0 to 4.0 seconds
Tool length	60-inches (1524-mm)
Tool swing diameter	40-inches (1016-mm)
Weight capacity	750-lbs (340-kg)

Base Component Configuration

FANUC ArcMate 100iC or Panasonic TA-1400 G3
Lincoln i400 or Miller Auto Axxess 300
Tregaskiss, Binzel or TBi air-cooled through arm torch
Genesis torch alignment package
Safety package (includes light curtains, gate interlock and barriers)
Genesis Allen-Bradley controls package with L1 processor
Rotary ground

INNOVATION AND EXPERIENCE FROM YOUR SINGLE SOURCE



VERSA 3M3

Standard Dimensional Specifications

- Tool length **TL**
60-inches (1524-mm) to 67-inches (1701-mm)
- Tool swing diameter **SD**
40-inches (1016-mm)
- Load height **LH**
40-inches (1016-mm)
- Cell width **CW**
118-inches (2997-mm) to 125-inches (3175-mm)
- Cell depth **CD**
200-inches (5080-mm) to 207-inches (5257-mm)
- Cell height **CH**
85-inches (2159-mm)

Standard Capacity Specifications

- Weight capacity
750-lbs (340-kg) to 1,500-lbs (680-kg)
- Engineering specifications for 750-lbs to 1,500-lbs weight capacity per station
- Gearbox rated torque 1617Nm
 - Gearbox ratio 161:1
 - Gearbox maximum moment 2940Nm
 - Motor maximum RPM 4,000
 - Motor torque output 12Nm
 - Nominal acceleration .5 seconds
 - Allowable tool out of balance torque 250Nm
 - 180-degree index time 2.0 seconds

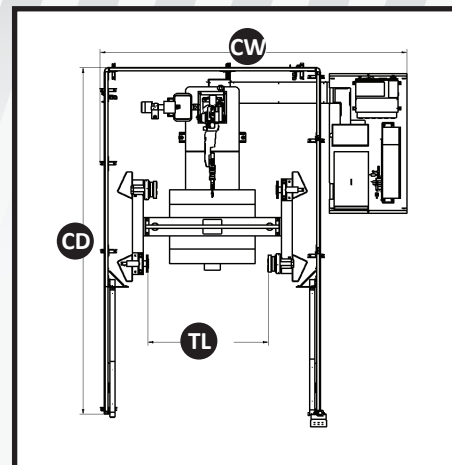
Standard Platform Options

- Tool length 67-inches
- Heavy base (1,500-lbs per station)
- Exposed power track cable carrier system
- Smoke hood and extraction system
- Off-line programming
- LaunchIT or standard installation
- Training programs (basic, advanced, maintenance, off-line, CRAW)
- Intelligence Center™

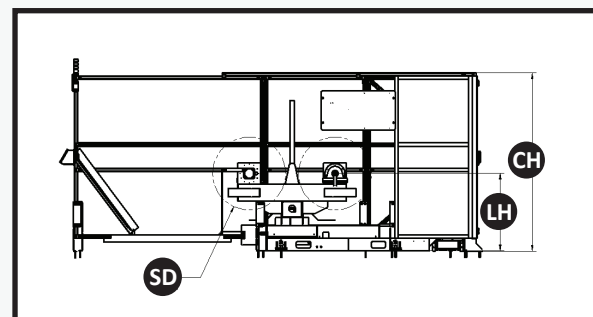
Standard Component Options

- Robot models: FANUC, Panasonic, Motoman
- Process gear: Miller, Lincoln, Fronius, Thermadyne, Hypertherm
- Welding torches: Tregaskiss, Binzel, TBI, Fronius
- Torch cleaners: Tregaskiss, Binzel, TBI
- Controls: PanelView 1000+ Compact

TOP VIEW



SIDE VIEW



*Real time status, alarms, historical trends,
critical parameters and automatic backup of
your workcell anywhere, anytime.*